

# TECHNICAL DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

<b>NAME OF THE PRODUCT</b>	High resistance green retainer, 50 ml
<b>CODE</b>	080206
<b>DISTRIBUTOR</b>	BOSSAUTO INNOVA, S.A.
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<b>WEB</b>	<a href="http://www.bossauto.com">www.bossauto.com</a>

## 2. PRODUCT DESCRIPTION

HIGH RESISTANCE RETAINER is a single component anaerobic product suitable for threaded metal parts against loosening from shock and vibrations. Product cures spontaneously and rapidly when confined in absence of air between close fitting metal surfaces with small gap fill.

HIGH RESISTANCE RETAINER is a thread locker with high mechanical resistance. Apply on even parts and for large threaded pieces.

Approved by BAM to use in oxygen plants, and WRAS to use in potable water plants.

## 3. PROPERTIES

Nature	Methacrylic resin
Appearance	Green
Viscosity	1000/1500mPas
Specific Gravity	1,09
Flash Point	>100°C

## 4. INFORMATION ON POLYMERISATION

The speed of cure will depend on two main factors; kind of materials, ambient temperature. The speed of cure will depend on ambient temperature. The right temperature range of cure is from +20°C to +25°C. Low temperature from +5°C to +20°C reduce speed of reaction, higher temperature will increase the speed.

## 5. FEATURES OF CURED PRODUCT

The following data have been referred to test carried out at 22°C, after 24 hours.

Breakaway torque: ISO-10964	N.m	45/55
Prevail torque: ISO-10964	N.m	45/50
Temperature strength: Max Gap Fill	°C mm	-50°C a +150°C 0.25

## 6. CHEMICAL RESISTANCE

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Test method DIN-54454

Breakaway torque % after immersion:

	T°C	100h	500h	1000h
Water/Glycol	85	100	90	90
Brake Fluid	22	100	90	90
Motor Oil	125	100	90	90
Acetone	22	100	90	90

## 7. GENERAL INFORMATION

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For use this product in metal/plastics assembling, the compatibility of materials should be tested. Not recommended for use in oxygen facilities and as sealant for strong basic or oxidising agents. For best performance surfaces should be clean and free of grease. Apply the product on the whole busy surface. Shut completely the parts. This product performs better on push-fit assemblies. On difficult metallic surfaces use the product in combination to an Activator. Shelf life: at least 12 months from +5°C to +28°C.

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others whose methods we have no control. It is the user's responsibility to determine suitability of features of the products related to their own production process and to adopt such precaution for the protection of person against any hazards that may be involved in the handling and use.